

To: Allen, HarryL[Allen.HarryL@epa.gov]
From: Wise, Robert
Sent: Sat 8/15/2015 3:22:05 AM
Subject: RE: HIGH PRIORITY--River System Characteristics

Now that I am done having a pity party and behaving like a baby, Chris Ruhl has a job for me.
So I'm staying.

From: Allen, HarryL
Sent: Friday, August 14, 2015 6:36 PM
To: Calanog, Steve
Cc: Black, Ned; Wise, Robert; Hiatt, Gerald
Subject: Re: HIGH PRIORITY--River System Characteristics

I've got their data from STORET. We need them to send us historical data to interpret.

Sent from my iPhone

On Aug 14, 2015, at 6:05 PM, "Calanog, Steve" <Calanog.Steve@epa.gov> wrote:

I think we have USGS contacts but this person has offered assistance with regards to river historic background data

v/r

Steve Calanog

Federal On-Scene Coordinator

US EPA Region IX

415-595-8350

Sent from my iPhone

Begin forwarded message:

From: "Ostrander, David" <Ostrander.David@epa.gov>
Date: August 14, 2015 at 6:50:19 PM MDT

To: "Calanog, Steve" <Calanog.Steve@epa.gov>
Cc: "Ruhl, Christopher" <Ruhl.Christopher@epa.gov>
Subject: Fwd: HIGH PRIORITY--River System Characteristics

Can you please be sure this USGS person is contacted. Thanks

Sent from my iPhone

Begin forwarded message:

From: "Card, Joan" <Card.Joan@epa.gov>
Date: August 14, 2015 at 6:08:13 PM MDT
To: "Ostrander, David" <Ostrander.David@epa.gov>, "Ruhl, Christopher" <Ruhl.Christopher@epa.gov>
Cc: "McGrath, Shaun" <McGrath.Shaun@epa.gov>
Subject: Fwd: HIGH PRIORITY--River System Characteristics

David, Chris, can you confirm that the data team is connected to with USGS on this issue? It's a high priority.

Joan Card

Senior Policy Advisor

Region 8

Sent from my EPA iPhone

Begin forwarded message:

From: "Card, Joan" <Card.Joan@epa.gov>
Date: August 14, 2015 at 9:01:05 AM MDT
To: "Horton, Robert" <rhorton@usgs.gov>
Cc: "Ostrander, David" <Ostrander.David@epa.gov>, "Ruhl, Christopher" <Ruhl.Christopher@epa.gov>, "Hestmark, Martin" <Hestmark.Martin@epa.gov>, "McGrath, Shaun" <McGrath.Shaun@epa.gov>, "Cheatham, Reggie" <cheatham.reggie@epa.gov>
Subject: HIGH PRIORITY--River System Characteristics

Bob, thanks for the conversation just now about apparent spikes or pulses in certain parameters showing in the water quality data on the San Juan and Animas Rivers. It makes sense that the rain events and stormwater flows would be a factor. As we discussed, you'll get

your experts on this asap so we can help the data teams answer this question and we can factor it into our analysis.

The EPA Area Commander and his Deputy are copied on this email, so please "reply all" so the USGS information gets to Area Command and quickly as possible.

Joan Card
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